



# MyIntelliPatent: platform and services

## What is the MyIntelliPatent platform

**MyIntelliPatent** is an IT platform developed by IntelliSemantic that supports the **collection and analysis** of patent documents and the **sharing and reuse** of the patent knowledge inside a company. MyIntelliPatent optimizes the different phases of a patent research, including the most demanding ones, as the analysis of a set of results or of a single document.

## Why to use: usecases and reasons

MyIntelliPatent allows you to perform effectively and efficiently the main use cases of patent information, as summarized in the table, i.e.:

- a) **systematic monitoring** of new information or updates,
- b) **specific analyses** of technological and market opportunities and risks,
- c) **researches** associated to a product, to patents already granted, to a patent application.

Usecase	When	Subcase	Why
<b>Monitoring</b>	Monthly	Identify new patent applications that could block R&D activities	Contain eventual R & D reorientation costs
		Identify new patent applications that can be opposed	Opposition planning
		Identify competitor's developments	Opportunities / threads identification
		Identify new entrants	Opportunities / threads identification
<b>Analysis</b>	On request	Identify expired patents	know-how reuse
		Identify new sectors to enter	New opportunities identification
		Identify outlicensing opportunities	Increase revenues
		Identify inlicensing opportunities	Save R&D costs
		Company self assessment	Internal planning
		Identify technology trends in your own industry	Internal planning
<b>Search</b>	On request	Identify if a product of you infringes any third party's valid patents in specific countries	To check if a product can be distributed in a country
		Assess the validity / invalidity / strength of a granted patent	Evaluate a partner or block a competitor
		Identify if a patent application of you is new and inventive, hence likely to be granted	Save application costs and time, if the application is weak

It can be noticed that:

a) **Some usecases are independent from your own patenting activities**, since they are relevant even in case that you protect your Intellectual Property by industrial secrets only. In fact also in this case it is necessary to verify if a product of you can be sold without infringing third party patents and it is useful to analyze your industry and competitors by using patent information.

b) **Different companies or entities have different priorities**. Typically, product companies are interested to verify that their products can be sold on the market, whilst universities are interested to identify outlicencing opportunities.

c) **Regular monitoring and systematic collection** of information, allowed by MyIntelliPatent, can make easy further analyses and searches, by reusing the information collected for monitoring.

Some more information about topics presented so far is available in the IntelliSemantic brochure *“Patent information: motivations and usecases”*.

## **MyIntelliPatent platform distinguishing features**

MyIntelliPatent is characterized by:

a) **an intelligent and customer specific knowledge sharing repository** to maintain information of specific interest for the customer company: patent lists of interest, comments and evaluations made by company professionals, domain vocaboularies of interest.

b) **text-mining technologies** which allow users to find the most similar patent to a patent of reference, to find key concepts in one or more patent texts and to support the analysis of a patent list or of single patent.

c) **interactive analytics technologies** which allow users to extract different distributions associated to a patent collection (e.g. priority years, topics, application countries, citation numbers, applicant) end to extract a short list of patents having specific features (e.g. patents applied in specific countries, or having a huge number of citations or including a specific combination of key concepts).

d) easy user interface and **support of most relevant patent information use cases** already described. All these usecases can be structured as a sequence of phases, from the documents collection to the distribution of results.

The table below summarize the main features of MyIntelliPatent, categorized by phases. *Most exiting features are identified in italics.*

Phase	Function
<b>Query and collection</b>	Search mask with fields such as date, applicant, inventor, text, industry
	Support of CQL language for performing more complex queries
	Fuzzy searches supported
	Import of a companies list and/or terms for queries to express the query
	<i>Suggestions for text query extracted from a reference text (a patent, a news etc.)</i>
	<i>Inclusion (on request) of citing and/or cited patents of first level query results</i>
<b>Pre-analysis of results</b>	“on-the-fly” analysis of query results , before storing them in the custom's database.
<b>Analysis and export of a patent set collected in the internal database</b>	<i>Interactive analysis of a patent set with different kind of filters, e.g. AND and OR</i>
	Sorting a patent set by different criteria, as family size, citations, etc.
	Different styles of viewing patent sets, as main metadata, the patent cover page
	Different kind of unidimensional or bidimensional distributions
	Export a result list to Excel
	Single patent selection to refine analysis
<b>Analysis and comment of a patent</b>	<i>Possibility to add custom scores and comments to patents</i>
	Reviewers comments and users comments can be differentiated (version X only)
<b>Vocabulary functions</b>	<i>Learning a domain-specific vocabulary from a patent set</i>
	Reusing a domain-specific vocabulary to perform a query
	Applying a domain-specific vocabulary for pre-analysis of results to consolidate
	Applying a domain-specific vocabulary to the collected patents, to support the analysis
<b>Management</b>	Merging collections, e.g. to cumulate same topic sessions
	Deleting old collections
	Transferring selected collections from curators to users (version X only)

As an example, the screenshot below is useful to analyse technical developments since it shows the number of patents per year against industry-specific concepts.

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
(no tags)	2	2	12	3	20	22	36	35	47	49	19	19	40	20	16	2
audio signal	12	2		14	29	29	48	69	62	35	9	13	26	14	13	
auto dialer	10															
case	42	47	90	157	89	179	163	214	163	141	89	96	84	54	66	
data	76	66	115	202	132	249	259	309	252	206	146	142	156	118	135	
electronic pet					15											
emotional state	3	8		28	1	52	13	36	23	8	1	4	8	7	8	
flow chart	41		35	66	33	91	49	93	39	53	30	21	20	27	33	
information	60	68	107	197	111	232	215	297	257	214	157	140	159	114	125	
input	63	55	64	185	106	207	219	288	242	193	147	134	140	103	105	
input pattern matrix layer						3		5								
processing	49	59	97	148	117	196	185	262	225	170	139	131	130	102	104	
result of voice				15	5			1	1						2	
set	65	55	91	181	110	212	193	221	200	165	119	100	122	73	87	
speaker	79	58	110	198	118	207	178	236	201	172	125	117	137	110	113	
speaker recognition	14	35	34	76	24	79	36	43	28	38	27	13	31	23	30	
speaker verification	14	26	42	106	39	96	29	62	30	30	17	24	25	10	22	
speech	69	57	108	181	112	228	197	255	225	167	147	127	143	113	113	
speech data	34	17	44	50	20	68	22	63	23	46	18	16	18	21	21	
speech recognition	44	23	57	108	61	133	108	132	128	105	90	81	46	53	57	
speech signal	36	15	56	82	25	88	45	72	76	39	25	21	34	27	20	
standard pattern matrix layer						3		5								
steps	56	50	68	146	87	171	166	194	148	130	94	89	102	69	82	
value	31	46	68	107	95	162	129	184	135	130	66	65	111	53	84	
voice signal	22	14	26	34	21	60	44	100	18	50	35	13	39	25	26	
weighting vector		3		1					5	3						

## Configurations

MyIntelliPatent is available in different configurations, according to company needs:

- 1) **One curator at a time**, sharing results to company users
- 2) **Curators group**, sharing results to company users
- 3) **Multirole**: for the group of curators and the group of company users, interacting through the platform

## **Trial**

To facilitate the initial evaluation, IntelliSemantic has developed three sets of short **videos**:

- a) overviews,
- b) presentation of a single application case (monitoring, analysis, search),
- c) presentation of groups of features, as summarized in the previous table.

IntelliSemantic can provide you access to this background information on your request. If, after the analysis of this information, you will be interested to a trial, IntelliSemantic will activate it. The free trial will be assisted by IntelliSemantic through suitable web conferences and will be focused to your specific needs and requirements in patent informatics.

More specific details are summarized in the presentation *“IntelliSemantic and You: user’s benefits, IntelliSemantic offers, how to proceed to a trial”*.

## **Your direct use of MyIntelliPatent and/or activities outsourcing to IntelliSemantic**

According to your needs and internal organization, you can choose:

- a) to use directly MyIntelliPatent
- b) to ask IntelliSemantic to performing activities for you, such as monitoring or analysis. In this case IntelliSemantic will provide you the access to a configured system to share results obtained by IntelliSemantic and to facilitate your eventual final analysis.

IntelliSemantic can also perform project-base activities based on MyIntelliPatent, e.g. to migrate into MyIntelliPatent the data you collected in other platform.

More specific details are summarized in the presentation *“IntelliSemantic summary prices and conditions in patent informatics”*.

## **About IntelliSemantic**

*IntelliSemantic is an innovative SME which owns a specific know-how in patent software and in language technologies and text mining.*

*IntelliSemantic has developed its know-how and technologies in semantics and linguistics by its own R&D, and by the participation to cofounded research projects, as the European project TOPAS (Tool Platform for Patent Analysis and Summarization). Other company and product information is available in the brochure “IntelliSemantic: company and solutions”.*